



1631 IFU

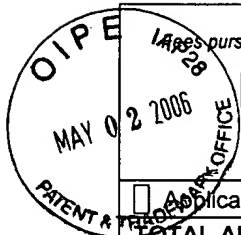
|  |                      |                            |
|--|----------------------|----------------------------|
| <b>TRANSMITTAL FORM</b><br><i>(To be used for all correspondence after initial filing)</i> | Application Number   | 09/869,229                 |
|  | Filing Date          | June 25, 2001              |
|  | First Named Inventor | Richard Ian Christopherson |
|  | Art Unit             | 1631                       |
|  | Examiner Name        | Carolyn L. Smith           |
|  | Attorney Docket No.  | 650061.401USPC             |

| ENCLOSURES (check all that apply)   |   |   |
|---|---|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input checked="" type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment/Response<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input checked="" type="checkbox"/> Information Disclosure Statement and Transmittal<br><input checked="" type="checkbox"/> Cited References<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53<br><input type="checkbox"/> Response to Missing Parts/Incomplete Application | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Request for Corrected Filing Receipt<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address<br><input type="checkbox"/> Declaration<br><input type="checkbox"/> Statement under 37 CFR 3.73(b)<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC ( <i>Appeal Notice, Brief, Reply Brief</i> )<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Return Receipt Postcard<br><input type="checkbox"/> Other Enclosure(s) ( <i>please identify below</i> ):<br>_____<br>_____<br>_____<br>_____ |
| <u>Remarks</u>  |   |   |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |   |                                 |        |
|--|---|---------------------------------|--------|
| Firm Name                                  | Seed Intellectual Property Law Group PLLC | Customer Number<br><b>00500</b> |        |
| Signature                                  |   |                                 |        |
| Printed Name                               | Mae Joanne Rosok                          |                                 |        |
| Date                                       | April 28, 2006                            | Reg. No.                        | 48,903 |

| CERTIFICATE OF TRANSMISSION/MAILING  |              |                      |
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| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. |              |                      |
| Signature  |              |                      |
| Typed or printed name  | Jason Añover | Date: April 28, 2006 |

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  
770625



Filed pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL

## For FY 2006

### Complete if Known

|                      |                            |
|----------------------|----------------------------|
| Application Number   | 09/869,229                 |
| Filing Date          | June 25, 2001              |
| First Named Inventor | Richard Ian Christopherson |
| Examiner Name        | Carolyn L. Smith           |
| Art Unit             | 1631                       |
| Attorney Docket No.  | 650061.401IUSPC            |

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)**180.00**

### METHOD OF PAYMENT (check all that apply)

- ☒ Check ☐ Credit Card ☐ Money Order ☐ Other (please identify): \_\_\_\_\_
- ☒ Deposit Account Deposit Account Number: 19-1090 Deposit Account Name: Seed IP Law Group PLLC
- For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)
- ☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, **except for the filing fee**
- ☐ Charge any additional fee(s) or underpayments ☒ Charge any underpayments or credit any overpayments of fee(s) under 37 CFR 1.16 and 1.17

**Warning:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

### FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)

#### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

| Application Type | FILING FEES |                                 | SEARCH FEES |                                 | EXAMINATION FEES |                                 | Fees Paid (\$) |
|------------------|-------------|---------------------------------|-------------|---------------------------------|------------------|---------------------------------|----------------|
|                  | Fee (\$)    | <u>Small Entity</u><br>Fee (\$) | Fee (\$)    | <u>Small Entity</u><br>Fee (\$) | Fee (\$)         | <u>Small Entity</u><br>Fee (\$) |                |
| Utility          | 300         | 150                             | 500         | 250                             | 200              | 100                             | _____          |
| Design           | 200         | 100                             | 100         | 50                              | 130              | 65                              | _____          |
| Provisional      | 200         | 100                             | 0           | 0                               | 0                | 0                               | _____          |

#### 2. EXCESS CLAIM FEES

| Fee Description                                    | Fee (\$) | <u>Small Entity</u><br>Fee (\$) |
|--|----------|---------------------------------|
| Each claim over 20 (including Reissues)            | 50       | 25                              |
| Each independent claim over 3 (including Reissues) | 200      | 100                             |
| Multiple dependent claims                          | 360      | 180                             |

| Total Claims  | Extra Claims | Fee (\$)      | Fee Paid (\$) | Multiple Dependent Claims |
|---|--------------|---------------|---------------|---------------------------|
| _____ -20 or HP = _____   | X            | _____ = _____ | _____         | Fee (\$)                  |
| HP = highest number of total claims paid for, if greater than 20. |              |               |               | Fee Paid (\$)             |

| Indep. Claims          | Extra Claims | Fee (\$)      | Fee Paid (\$) |
|------------------------|--------------|---------------|---------------|
| _____ -3 or HP = _____ | X            | _____ = _____ | _____         |

HP = highest number of independent claims paid for, if greater than 3.

#### 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)) the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

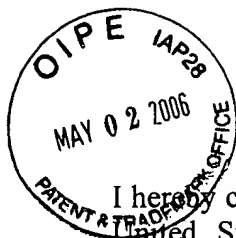
| Total Sheets       | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) |
|--------------------|--------------|--|----------|---------------|
| _____ -100 = _____ | /50 = _____  | _____ (round up to a whole number)               | x _____  | _____         |

#### 4. OTHER FEE(S)

|  | Fees Paid (\$) |
|--|----------------|
| Non-English Specification, \$130 fee (no small entity discount)                            | _____          |
| Other (e.g., late filing surcharge): <u>Submission of Information Disclosure Statement</u> | <b>180</b>     |
| _____  | _____          |
| _____  | _____          |

#### SUBMITTED BY

|                   |                         |                                   |                |           |              |
|-------------------|-------------------------|-----------------------------------|----------------|-----------|--------------|
| Signature         | <u>Mae Joanne Rosok</u> | Registration No. (Attorney/Agent) | 48,903         | Telephone | 206-622-4900 |
| Name (Print/Type) | Mae Joanne Rosok        | Date                              | April 28, 2006 |           |              |



PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date April 28, 2006

Jason Añover

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Richard Ian Christopherson et al.  
Application No. : 09/869,229  
Filed : June 25, 2001  
For : AN ASSAY TO DETECT A BINDING PARTNER

Examiner : Carolyn L. Smith  
Art Unit : 1631  
Docket No. : 650061.401USPC  
Date : April 28, 2006

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL

Commissioner for Patents:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicants wish to make known to the U.S. Patent and Trademark Office the references set forth on the attached Information Disclosure Statement. Copies of cited U.S. patents and published patent applications are not required and accordingly have not been provided. Copies of any other cited references are enclosed. As to any reference cited, applicants do not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserve the right to traverse or antedate any such reference, as by a showing under 37 C.F.R. § 1.131 or other method. Although the aforesaid

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references are made known to the U.S. Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of that is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

A fee of \$180 is submitted in accordance with 37 C.F.R. § 1.97(c). The Director is authorized to charge any other fees that may be required, or credit any overpayment to Deposit Account No. 19-1090.

Respectfully submitted,  
Seed Intellectual Property Law Group PLLC



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Mae Joanne Rosok  
Registration No. 48,903

Enclosures:  
Check  
Information Disclosure Statement  
Cited References (9)

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Seattle, Washington 98104-7092  
Phone: (206) 622-4900  
Fax: (206) 682-6031

770632

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICESECOND SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENT  
(Use several sheets if necessary)ATTY. DOCKET NO.  
650061.401USPCAPPLICATION NO.  
09/869,229APPLICANTS  
Richard Ian Christopherson et al.FILING DATE  
June 25, 2001GROUP ART UNIT  
1631

## U.S. PATENT DOCUMENTS

| *EXAMINER<br>INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|----------------------|-----------------|------|------|-------|----------|-------------------------------|
| AA                   |                 |      |      |       |          |                               |

## FOREIGN PATENT DOCUMENTS

|    | DOCUMENT<br>NUMBER | DATE | COUNTRY | TRANSLATION |    |
|----|--------------------|------|---------|-------------|----|
|    |                    |      |         | YES         | NO |
| AB |                    |      |         |             |    |

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

|    |  |
|----|--|
| AC | Belov, L., et al., "Immunophenotyping of Leukemias Using a Cluster of Differentiation Antibody Microarray," <i>Cancer Res.</i> , 61(11):4483-9, June 1, 2000.  |
| AD | DiGiuseppe, J., et al., "Clinical Utility of Flow Cytometry in the Chronic Lymphoid Leukemias," <i>Semin Oncol.</i> , 25(1):6-10, February 1998..  |
| AE | Ekins, R., "Ligand Assays: From Electrophoresis to Miniaturized Microarrays," <i>Clin Chem.</i> , 44(9):2015-30, September 1998.   |
| AF | Khalidi, H., et al., "The Immunophenotype of Adult Acute Myeloid Leukemia: High Frequency of Lymphoid Antigen Expression and Comparison of Immunophenotype, French-American-British Classification, and Karyotypic Abnormalities," <i>Am J Clin Pathol.</i> , 109(2):211-20, February 1998.. |
| AG | Martin, B., et al., "Direct Protein Microarray Fabrication Using a Hydrogel Stamper," <i>Langmuir</i> , 14(15):3971-3975, July 1998.   |
| AH | Mooney, J., et al., "Patterning of Functional Antibodies and Other Proteins by Photolithography of Silane Monolayers," <i>Proc Natl Acad Sci U S A.</i> , 93(22):12287-91, October 29, 1996.   |
| AI | Piedras, J., et al., "Cellular Immunophenotypes in 97 Adults with Acute Leukemia," <i>Rev Invest Clin.</i> , 49(6):457-64, Nov-Dec. 1997. Spanish.   |
| AJ | Schmetzer, H., et al., "Immunological Classification of Chronic Myeloid Leukemia Distinguishes Chronic Phase, Imminent Blastic Transformation, and Acute Lymphoblastic Leukemia," <i>Exp Hematol.</i> , 25(6):502-8, June 1997..   |
| AK | Silzel, J., et al., "Mass-sensing, Multianalyte Microarray Immunoassay with Imaging Detection," <i>Clin Chem.</i> , 44(9):2036-43, September 1998.   |

EXAMINER

DATE CONSIDERED

\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).